

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,072,331 B2  
APPLICATION NO. : 09/991285  
DATED : July 4, 2006  
INVENTOR(S) : Ming-Kang Liu et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, insert Item (63):

**-- Related U.S. Application Data**

Continuation of application No. 08/934,844, Sept. 22, 1997, Pat. No. 6,349,096. --.

Title page, Item (73), delete “**Real Communications, Inc.**, San Jose, CA (US)” and insert -- **Realtek Semiconductor Corporation**, HsinChu (TW) --, therefor.

In column 1, line 5, insert -- This application is a Continuation of U.S. Application No. 08/934,844, filed Sept. 22, 1997, Pat. No. 6,349,096. --.

In column 10, line 62, in Claim 1, delete “touting” and insert -- routing --, therefor.

In column 11, line 17, in Claim 2, delete “requited.” and insert -- required. --, therefor.

In column 11, line 56, in Claim 13, after “converting” delete “the”.

In column 11, line 59, in Claim 14, after “circuit;” insert -- and --.

In column 12, line 36, in Claim 21, delete “ate” and insert -- are --, therefor.

In column 12, line 39, in Claim 22, delete “patch” and insert -- path --, therefor.

In column 13, line 5, in Claim 27, delete “tune” and insert -- time --, therefor.

In column 15, line 31, in Claim 52, delete “ate” and insert -- are --, therefor.

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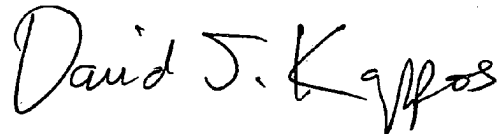
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 15, line 40, in Claim 53, delete "touted" and insert -- routed --, therefor.

In column 16, line 61, in Claim 66, delete "communicationg" and insert  
-- communicating --, therefor.

Signed and Sealed this

Fifteenth Day of December, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D" and a stylized "K".

David J. Kappos  
*Director of the United States Patent and Trademark Office*